

TECHNIQUES FOR CONTROLLING MOVEMENT OF  
A CIRCUIT BOARD MODULE ALONG A CARD CAGE SLOT

ABSTRACT OF THE DISCLOSURE

5           A control system indicates whether a module should be inserted into a module holder. The control system includes a sensor which is configured to attach to one of a module and the module holder. The sensor is further configured to (i) read an identifier of an element attached to the other of the module and the module holder when the module begins insertion into the module holder and (ii) provide a sensor signal in  
10 response to reading the identifier. The sensor signal denotes the identifier. The control system further includes a controller which couples to the sensor. The controller is configured to receive the sensor signal from the sensor and output a control signal based on the sensor signal. The control signal indicates whether the module is authorized to substantially insert into the module holder.

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